

fiber optic

PRODUCTS

FIBER OPTIC PRODUCTS

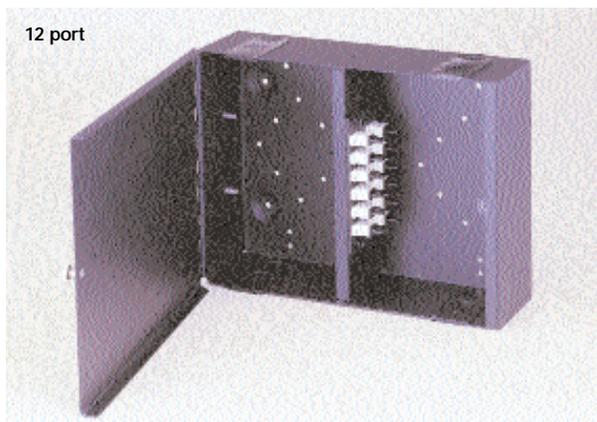
WALL MOUNT FIBER ENCLOSURE

To effectively manage optical fiber terminations and splices, HellermannTyton introduces a line of wall mount enclosures. They provide a termination solution for LAN applications requiring fully enclosed and lockable wall mount enclosures. Designed to support up to two or four modular adapter panels, these rugged wall mount units are equipped with cable management modules and cable routing accessories to limit bend radius and add strain relief control.

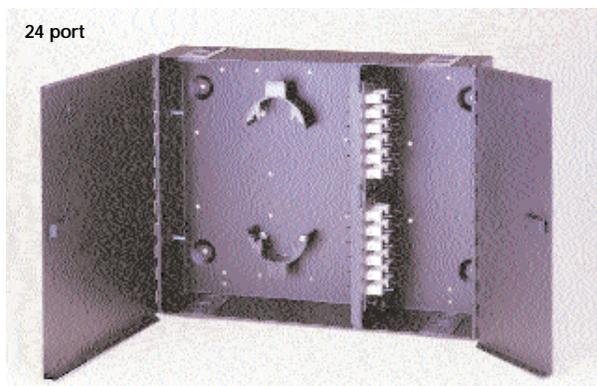
The wall mount enclosures are equipped with a knockout hole in the door for the option of adding a lock. This allows private portions of the network to be secured. The 12 port is capable of using one lock and the 24 port is capable of two locks.



12 port



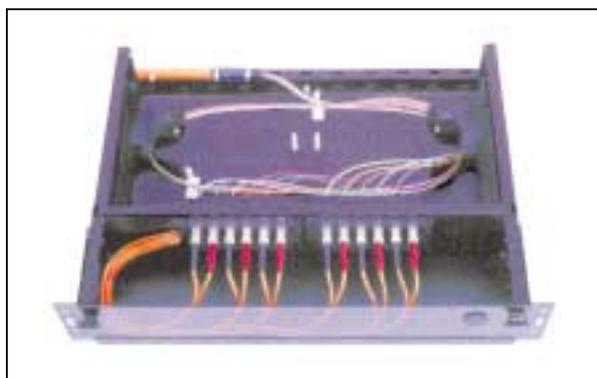
24 port



HELLERMANN TYTON PART NO.	DESCRIPTION	DIMENSIONS	WEIGHT	PKG. QTY.
FEWM12	Wall Mount Fiber Enclosure – Unloaded	9" (H) x 12" (W) x 3" (D)	5.5 lbs.	1
FEWM12ST	Wall Mount Fiber Enclosure loaded w/ 12 ST Multimode/Singlemode Adapters	9" (H) x 12" (W) x 3" (D)	5.5 lbs.	1
FEWM12SC	Wall Mount Fiber Enclosure loaded w/ 12 Simplex SC Multimode/Singlemode Adapters	9" (H) x 12" (W) x 3" (D)	5.5 lbs.	1
FEWM24	Wall Mount Fiber Enclosure – Unloaded	12" (H) x 15" (W) x 3.5" (D)	7 lbs.	1
FEWM24ST	Wall Mount Fiber Enclosure loaded w/ 24 ST Multimode/Singlemode Adapters	12" (H) x 15" (W) x 3.5" (D)	7 lbs.	1
FEWM24SC	Wall Mount Fiber Enclosure loaded w/ 24 Simplex SC Multimode/Singlemode Adapters	12" (H) x 15" (W) x 3.5" (D)	7 lbs.	1
FEWML	Wall Mount Fiber Enclosure Door Lock	N/A	N/A	1

RACK MOUNT FIBER ENCLOSURE

Designed to be mounted on a relay rack, the rack mount fiber enclosure (FERM) low profile series is the ideal direct termination and splice solution of LAN applications capable of supporting up to 36 fibers. They easily fit into 19" or 23" racks. These rack mount fiber enclosures have removable front and back panels that allow easy access to jumpers and terminated cables. Fitted with a tinted plexiglass front door, the enclosures are equipped with cable management modules and cable routing accessories to limit bend radius and add strain relief control.

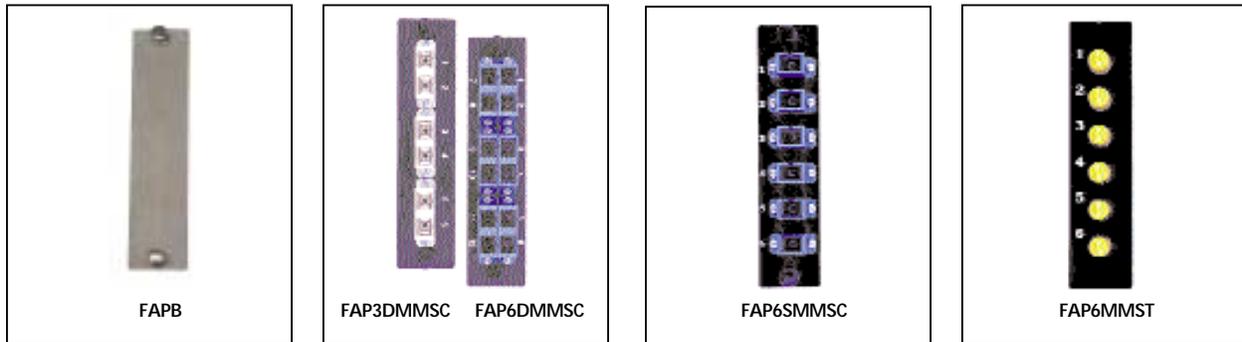


HELLERMANN TYTON PART NO.	DESCRIPTION	DIMENSIONS	WEIGHT QTY.	PKG. QTY.
FERM36	36 Rack Mount Fiber Enclosure – Unloaded	3.5" (H) x 17" (W) x 14" (D)	10 lbs.	1
FERM24ST	Rack Mount Fiber Enclosure loaded w/ 24 ST Multimode/Singlemode Adapters	3.5" (H) x 17" (W) x 14" (D)	10 lbs.	1
FERM24SC	Rack Mount Fiber Enclosure loaded w/ 24 Simplex SC Multimode/Singlemode Adapters	3.5" (H) x 17" (W) x 14" (D)	10 lbs.	1

FIBER OPTIC PRODUCTS

ADAPTER PANELS

In order to customize wall mount or rack mount fiber optic enclosures, HellermannTyton offers several styles of panels. All modular adapter panels are assembled with industry standard adapters. The multimode/singlemode adapters utilize high performance zirconia ceramic and phosphorous-bronze split sleeve inserts for minimal insertion loss contribution.



HELLERMANN TYTON PART NO.	DESCRIPTION	PKG. QTY.
FAPB	Modular Adapter – Blank	1
FAP6MMST	Modular Adapter Panel Loaded with 6 ST MM/SM Adapters	1
FAP6SMMSC	Modular Adapter Panel Loaded with 6 Simplex SC MM/SM Adapters	1
FAP3DMMSC	Modular Adapter Panel Loaded with 3 Duplex SC MM/SM Adapters	1
FAP6DMMSC	Modular Adapter Panel Loaded with 6 Duplex SC MM/SM Adapters	1

FIBER OPTIC CABLE ASSEMBLIES

For fiber patching requirements, HellermannTyton fiber optic patch cords are available in various lengths with industry standard ST or SC connectors made with ceramic ferrules. By using superior components and a proprietary polishing process, HellermannTyton manufactures patch cords to meet the highest performance standards. Typical insertion loss is less than .5dB. All fiber assemblies are made from 62.5/125μ cable.

HELLERMANN TYTON PART NO.	DESCRIPTION	PKG. QTY.
FA1STST	ST-ST Duplex multimode, 1 meter fiber assembly	1
FA2STST	ST-ST Duplex multimode, 2 meter fiber assembly	1
FA3STST	ST-ST Duplex multimode, 3 meter fiber assembly	1
FA1STSC	ST-SC Duplex multimode, 1 meter fiber assembly	1
FA2STSC	ST-SC Duplex multimode, 2 meter fiber assembly	1
FA3STSC	ST-SC Duplex multimode, 3 meter fiber assembly	1
FA1SCSC	SC-SC Duplex multimode, 1 meter fiber assembly	1
FA2SCSC	SC-SC Duplex multimode, 2 meter fiber assembly	1
FA3SCSC	SC-SC Duplex multimode, 3 meter fiber assembly	1



FIBER OPTIC PRODUCTS

HellermannTyton offers an innovative range of CableTyte™ fiber optic splice closures for various outside plant applications. Today's demands require maximum flexibility along with effective management for existing and future fiber optic networks, and the CableTyte line of closures can meet these demands.

These modular, space-saving closures provide the ultimate protection for fiber optic splices from environmental conditions. All HellermannTyton CableTyte closures are watertight and temperature resistant, offering maximum durability in aerial, underground, or pedestal installations.

All styles of CableTyte fiber optic splice closures provide easy installation and fast re-entry without the need for tools, minimizing network disruption. Each closure is provided with a "kit" of products needed to effectively protect fiber optic splices while reducing inventory and enhancing productivity.



For over 10 years, HellermannTyton has been selling closures in Europe to such customers as British Telecom, Cable and Wireless and Telewest Communications.

"Telewest uses only HellermannTyton closures for all our United Kingdom installations because of the high quality and user friendliness of the products."

-Trevor Thomas, Implementation Manager
Telewest Communications (joint venture between TCI and USWest)

HELLERMANN TYTON PART NO.	CLOSURE TYPE	APPLICATION	NUMBER OF PORTS	NUMBER OF TRAYS	SINGLE FUSION SPLICE CAPACITY	MECHANICAL SPLICE CAPACITY	MASS FUSION SPLICE CAP
FST4-1*	Butt	Aerial, underground, pedestal Low volume fiber count cable splices	4 ports-1 oval, 3 round	1 Curved	36		
FRBU9-2*	Butt	Aerial, underground, pedestal	9 ports-1 oval, 8 round	2	24	12	
FRBU9-4*	Butt	Aerial, underground, pedestal	9 ports-1 oval, 8 round	4	48	24	
FRBU9-6*	Butt	Aerial, underground, pedestal	9 ports-1 oval, 8 round	6	72	36	
FRBU11-2*	Butt	Aerial, underground, pedestal	11 ports-1 oval, 10 round	2	24		
FRBU11-4*	Butt	Aerial, underground, pedestal	11 ports-1 oval, 10 round	4	48		
FRBU11-6*	Butt	Aerial, underground, pedestal	11 ports-1 oval, 10 round	6	72		
FAN27-24C	Butt	Underground or pedestal	27 ports-6 oval, 21 round	24	144		
FAN27-48C	Butt	Underground or pedestal	27 ports-6 oval, 21 round	48	288		
FAN27-9CHN	Butt	Underground or pedestal	27 ports-6 oval, 21 round	12	144		
FAN27-18CHN	Butt	Underground or pedestal	27 ports-6 oval, 21 round	24	288		
UFC36B*	Butt	Underground	30 ports-2 oval, 28 round	36 MAX	864**	216	864
UFC72C*	Butt	Underground	30 ports-2 oval, 28 round	72 MAX	1728**	432	1728

*Add C (Cablelok®) or H (Heatshrink) after part number to designate port sealing method.
**Maximum single fusion capacity assumes stacking of two splice protectors.

FIBER OPTIC PRODUCTS

FST

The compact Fiber Single Tray (FST) is designed to be used for low fiber count distribution applications. Available with a base configuration of 3 round cable ports and one oval port for loop-through applications, the FST provides a single unique curved splice tray that can hold up to 36 fiber splice protection sleeves of maximum length of 45mm. Protected by a watertight dome cover that is environmentally sealed to the base by a patented rolling "O" ring, the FST is ideal for aerial and underground applications. For further environmental protection, the cables are sealed into the base by heatshrink sleeving or Cablelok® non-heatshrink seals. The FST is easily re-enterable without tools or kits for quick access on network maintenance.



Patent Pending

FST Kit Contents:

- Base (with "O" Ring, Tray Bracket)
- Dome Cover
- Cover-to-Base Clamp
- Curved Splice Tray (1)
- Curved Splice Tray Shelves
- Strength Member Clamps (2)
- Lubricant Packets
- Colored Cable Ties
- Polyethylene Transition Tubes
- Colored Markers
- Cablelok or Heatshrink Cable Seals
- Installation Instructions

Dimensions:

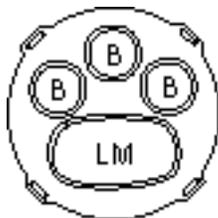
Length: 12.2" (310 mm)

Diameter: 4.3" (110 mm)

Weight: 2.2 lbs. (.99 kg)

Port Configurations

4 Port



Accessories
Mounting Bracket: ACCFST-FRBU
Aerial Mount: TELS

PORT	NO. OF PORTS	CABLE RANGE	
		CABLELOK	HEATSHRINK
LM	1	2@ .355" - .867" (2@ 9 mm - 22 mm)	2@ .315" - .867" (2@ 8 mm - 22 mm)
B	3	.315" - .650" (8 mm - 16.5 mm)	.236" - .709" (6 mm - 18 mm)

HELLERMANN TYTON PART NO.	NO. OF PORTS	NO. OF TRAYS	NO. OF SPLICES	CABLE SEALING METHOD	NO. OF CABLE SEALS INCLUDED
FST4-1C	4	1	36	Cablelok	6
FST4-1H	4	1	36	Heatshrink	3

FIBER OPTIC PRODUCTS

FRBU

Ideally suited for cables of capacity up to 72 fibers, the Fiber Residential and Business Unit (FRBU) is used for the organization and protection of fiber optic cable splices in both aerial and underground installations. The splice trays are hinged on one side for easy access and are designed to hold up to 16 fusion splices, although using only 12 splices per tray is recommended. For mechanical splicing requirements, HellermannTyton offers the same trays in an unnotched version, allowing room for HellermannTyton's separate mechanical splice holders (see page 60). Due to its adaptable and modular design, the FRBU is ideal for installations where multiple cable entries or drops are required. Similar to the FST, the FRBU is protected by a watertight dome cover that is environmentally sealed to the base by a patented rolling "O" ring. The cables are sealed to the base by heatshrink sleeving or Cablelok® non-heatshrink seals. Re-entry is also fast and easy without the use of tools or kits.



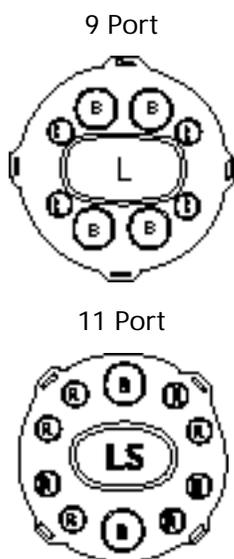
FRBU Kit Contents:

- Base (with "O" Ring)
- Dome Cover
- Cover-to-Base Clamp
- Splice Trays (up to 6)
- Strength Member Clamps (2)
- Lubricant Packets
- Colored Cable Ties
- Polyethylene Transition Tubes
- Colored Markers
- Cablelok or Heatshrink Cable Seals
- Installation Instructions

Dimensions:

Length: 16.5" (420 mm)
 Diameter: 4.6" (118 mm)
 Weight: FRBU-2: 3.0 lbs. (1.36 kg)
 FRBU-4: 3.5 lbs. (1.59 kg)
 FRBU-6: 4 lbs. (1.81 kg)

Port Configurations



Accessories
 Mounting Bracket: ACCFST-FRBU
 Aerial Mount: TELS

PORT	NO. OF PORTS	CABLE RANGE	
		CABLELOK	HEATSHRINK
LS	1	N/A	2@ .472" - .945" (2@ 12 mm - 24 mm)
L	1	2@ .472" - .945" (2@ 12 mm - 24 mm)	2@ .315" - .867" (2@ 8 mm - 22 mm)
B	2 or 4	.315" - .650" (8 mm - 16.5 mm)	.236" - .709" (6 mm - 18 mm)
R	4 or 8	.142" - .370" (3.6 mm - 9.4 mm)	.157" - .433" (4 mm - 11 mm)

HELLERMANN TYTON PART NO.	NO. OF PORTS	NO. OF TRAYS	FUSION SPLICE CAPACITY	MECHANICAL SPLICE CAPACITY*	CABLE SEALING METHOD	NO. OF CABLE SEALS INCLUDED
FRBU9-2C	9	2	24	N/A	Cablelok	9
FRBU9-2CM	9	2	N/A	12	Cablelok	9
FRBU9-2H	9	2	24	N/A	Heatshrink	N/A
FRBU9-2HM	9	2	N/A	12	Heatshrink	N/A
FRBU9-4C	9	4	48	N/A	Cablelok	9
FRBU9-4CM	9	4	N/A	24	Cablelok	9
FRBU9-4H	9	4	48	N/A	Heatshrink	N/A
FRBU9-4HM	9	4	N/A	24	Heatshrink	N/A
FRBU9-6C	9	6	72	N/A	Cablelok	9
FRBU9-6CM	9	6	N/A	36	Cablelok	9
FRBU9-6H	9	6	72	N/A	Heatshrink	N/A
FRBU9-6HM	9	6	N/A	36	Heatshrink	N/A
FRBU11-2CH	11	2	24	N/A	Cablelok/Heatshrink	8
FRBU11-2H	11	2	24	N/A	Heatshrink	N/A
FRBU11-4CH	11	4	48	N/A	Cablelok/Heatshrink	8
FRBU11-4H	11	4	48	N/A	Heatshrink	N/A
FRBU11-6CH	11	6	72	N/A	Cablelok/Heatshrink	8
FRBU11-6H	11	6	72	N/A	Heatshrink	N/A

*Mechanical splice holders (designed for 3M Fibriok) must be ordered separately. (see page 60).

FIBER OPTIC PRODUCTS



Elliptical Trays



Standard Trays

FAN

The Fiber Access Node (FAN) closure is primarily designed for the organization and protection of fiber optic cable splices in underground installations. It contains a multi-port base with 21 round and 6 oval ports. This base is environmentally sealed to the reinforced dome cover using an "O" ring and stainless steel clamp assembly. The FAN is ideal for splicing high fiber count cables. Fitted with either 24 or 48 elliptical trays or 12 or 24 standard trays, this closure provides protection for up to 288 splices. The unique and compact elliptical trays hold up to 6 fusion splices per tray while the standard trays hold up to 16 splices per tray. Cable sealing is achieved with Cablelok® non-heatshrink seals. Standard tray holds up to 16 per tray, although using only 12 splices per tray is recommended. Closure can accommodate up to 480 total fusion splices with elliptical trays. Contact HellermannTyton for special order requirements.

FAN Kit Contents:

- Base (with "O" Ring)
- Dome Cover
- Cover-to-Base Steel Clamp
- Splice Trays (up to 48)
- Strength Member Clamps (2)
- Lubricant Packets
- Colored Cable Ties
- Polyethylene Transition Tubes
- Cablelok Cable Seals
- Breakout Manifolds
- Colored Markers
- Installation Instructions

Dimensions:

Length: 21.3" (542 mm)
 Diameter: 11.2" (285 mm)
 Weight:
 FAN 27-24C 16 lbs. (7.26 kg)
 FAN 27-9CHN 16 lbs. (7.26 kg)
 FAN 27-48C 18 lbs. (8.16 kg)
 FAN 27-18CHN 18 lbs. (8.16 kg)

Port Configurations

27 Port



Accessories

Port Cutting Tool: TPCR, TPCB, TPCS
 Mounting Bracket: ACCFAN

U.S. Patent Numbers: 5,619,608
 5,768,463

PORT	NO. OF PORTS	CABLE RANGE
LM	6	2@ .355" - .867" (2@ 9 mm - 22 mm)
S	6	.315" - .787" (8 mm - 20 mm)
B	12	.315" - .650" (8 mm - 16.5 mm)
R	3	.142" - .370" (3.6 mm - 9.4 mm)

HELLERMANN TYTON PART NO.	NO. OF PORTS	TRAY TYPE	NO. OF TRAYS	NO. OF SPLICES	CABLE SEALING METHOD	NO. OF CABLE SEALS INCLUDED
FAN27-24C	27	Elliptical	24	144	Cablelok	8
FAN27-48C	27	Elliptical	48	288	Cablelok	8
FAN27-9CHN	27	Standard	12	144	Cablelok	8
FAN27-18CHN	27	Standard	24	288	Cablelok	8

FIBER OPTIC PRODUCTS

UFC

The Universal Fiber Closure (UFC) is a revolutionary system designed to accommodate all current and future high fiber count splicing applications up to 4,608 mass fusion splices and 864 single fusion splices. The UFC is offered in 2 different size dome configurations with the same base to allow for customization of applications. The UFC allows "future-proofing" of applications by being able to easily expand onto a previous installation. The newly designed Hellipse™ splice tray incorporates a 1-1/2" (38 mm) bend radius for the latest optical fiber requirements. The Hellipse splice tray is designed to accept various splice inserts – single fusion, single mechanical or mass fusion. The cables are sealed to the base by using heatshrink sleeving or Cablelok® non-heatshrink seals.

UFC Kit Contents:

- Base (with "O" Ring)
- Dome Cover
- Cover-to-Base Clamp
- Strength Member Clamps
- Lubricant Packets
- Colored Cable Ties
- Polyethylene Transition Tubes
- Cablelok or Heatshrink Cable Seals
- Colored Markers
- Installation Instructions

Dimensions:

UFC36B

Length: 20.8" (530 mm)
Diameter: 10.0" (254 mm)

UFC72C

Length: 28.7" (730 mm)
Diameter: 10.0" (254 mm)



Hinged Splice Trays



Optional Storage Basket



1-1/2" Bend Radius in Splice Tray



Two Sizes Available

NEW

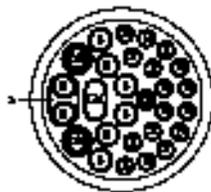


New Mass Fusion Tray

*Contact HellermannTyton for Details

Port Configurations

30 Port



Accessories
Storage Basket: UFCBSKT
Mounting Bracket: ACCUFC

HELLERMANN TYTON PART NO.	NO. OF PORTS	MAX NO. OF TRAYS	MAX SINGLE FUSION CAP	MAX MASS FUSION CAP	MAX MECH. SPLICE CAP	CABLE SEALING METHOD
UFC36BC	30	36	864*	864	216	Cablelok
UFC36BH	30	36	864*	864	216	Heatshrink
UFC72CC	30	72	1728*	1728	432	Cablelok
UFC72CH	30	72	1728*	1728	432	Heatshrink

PORT	NO. OF PORTS	CABLE RANGE	
		CABLELOK	HEATSHRINK
L	1	2@ .473" - .946" (2@12 mm - 24 mm)	2@.315" - .867" (2@ 8 mm - 22 mm)
LM	1	2@ .355" - .867" (2@ 9 mm - 22 mm)	2@.315" - .867" (2@ 8 mm - 22 mm)
T	2	.315" - 1.182" (8 mm - 30 mm)	.315" - 1.418" (8 mm - 36 mm)
S	10	.315" - .788" (8 mm - 20 mm)	.473" - 1.024" (12 mm - 26 mm)
B	16	.315" - .650" (8 mm - 16.5 mm)	.236" - .709" (6 mm - 18 mm)

Splice Trays

HELLERMANN TYTON PART NO.	SPLICE TYPE	SPLICE CAPACITY PER TRAY	SPLICE CAPACITY PER INSERT	NO. OF INSERTS PER TRAY	PKG QTY.	TOTAL SPLICE CAP/KIT
UFCTRAY-SF	Single Fusion	24*	12*	2	6 trays	144*
UFCTRAY-SM	Single Mechanical	6	3	2	6 trays	36
UFCTRAY-MF	Ribbon	576	48	12	1	
UFCTRAY-MFS	Single Fusion	72	6	12	1	

*Maximum single fusion capacity assumes stacking of two splice protectors.

FIBER OPTIC PRODUCTS

CABLE SEALING METHODS

HellermannTyton offers two types of methods for sealing cable entries into CableTyte™ fiber optic closures. The FST (Fiber Single Tray), the FRBU (Fiber Residential Business Unit) and the UFC (Universal Fiber Closure) kits are available with heatshrink sleeving or non-heatshrink sleeving (Cablelok), whereas the FTB (Fiber Tap Box) and the FAN (Fiber Access Node) kits are available with only non-heatshrink sleeving (Cablelok).



Cablelok Seals

Cablelok® Sealing

Cablelok is a unique and patented non-heatshrink product used for the environmental sealing of cable entering all HellermannTyton CableTyte fiber closures. Manufactured from an external grade of flexible neoprene rubber, sealing is achieved without the use of heat and tools. An environmental seal is created by a number of internal lip seals which are compressed onto the cable during installation. The cable is simply inserted into the opened port of the closure base and then threaded through the Cablelok seal so that sufficient cable is available. The Cablelok and cable is then pulled back together through the port until the location shoulder of the Cablelok seal locks against the open end of the port. Not only does the neoprene rubber provide an excellent environmental seal, it also provides good strain relief. Installation is quick since no heat is required during the assembly process and installations can be made in hazardous environments where a flame is prohibited. Cablelok exceeds Bellcore's requirement in GR-771 to withstand water resistance at 20 feet waterhead. Cablelok is supplied in the FST-C, FRBU-C, UFC-C, FTB, and FAN kits. For additional Cablelok seals, see chart below.

HELLERMANN TYTON PART NO.	PORT SIZE	CABLE RANGE	PKG. QTY.
CLOK-L16	L	2@ .472" - .630" (2@ 12 mm - 16 mm)	1
CLOK-L20	L	2@ .590" - .787" (2@ 15 mm - 20 mm)	1
CLOK-L24	L	2@ .748" - .945" (2@ 19 mm - 24 mm)	1
CLOK-LM12	LM	2@ .354" - .472" (2@ 9 mm - 12 mm)	1
CLOK-LM22	LM	2@ .590" - .866" (2@ 15 mm - 22 mm)	1
CLOK-B14	B	.314" - .551" (8 mm - 14 mm)	5
CLOK-B16.5	B	.551" - .650" (14 mm - 16.5 mm)	5
CLOK-BP	B	Port Plug	5
CLOK-R5.2	R	.142" - .205" (3.6 mm - 5.2 mm)	5
CLOK-R7.2	R	.197" - .283" (5 mm - 7.2 mm)	5
CLOK-R9.4	R	.275" - .370" (7 mm - 9.4 mm)	5
CLOK-RP	R	Port Plug	5
CLOK-T30	T	2@ .314" - 1.18" (2@ 8 mm - 30 mm)	1

U.S. Patent Number: 5,783,778

Heatshrink Sealing

The heatshrink supplied in the FST, FRBU, and UFC fiber closure kits are offered in a range of different sized adhesive lined, crosslinked polyolefin, medium wall heatshrink sleeving. The sleeves have an external coating of thermochromatic paint (which changes color when the correct temperature for shrinkage has been achieved) and an external lining of hot melt adhesive (which provides the environmental seal).

FIBER OPTIC PRODUCTS



FIBER SPLICE PROTECTORS

The Fiber Splice Protector (FSP) is a heat shrinkable sleeve designed for the mechanical and environmental protection of fused fiber optic cable splices. It contains an inner liner of adhesive and a stainless steel reinforcing rod for the ultimate protection of the splice. The FSP is also fitted with a silicon sleeve for dampening of vibration. Available in 2 lengths of 45 mm and 60 mm, the FSP is provided in a clear heatshrink, as well as eight various colors.

HELLERMANN TYTON PART NO.	LENGTH	COLOR	QUANTITY OF EACH COLOR	PKG. QTY.
FSP45	45 mm	Clear	80	80
FSP45C	45 mm	Blue, Brown, Green, Gray, Orange, Red, Violet, Yellow	10	80
FSP60	60 mm	Clear	100	100
FSP60C	60 mm	Blue, Brown, Green, Gray, Orange, Red, Violet, Yellow	10	80

MECHANICAL SPLICE HOLDER

The mechanical splice holder is designed to accommodate the 3M Fibrlok mechanical splice. Fibrlok snaps into the holder with very little effort. The holder is provided with double-sided adhesive to easily apply to inside of splice trays. We recommend 1 splice holder per splice tray in order to maintain proper bend radius for the fiber. This mechanical splice holder is only designed to be used with the FRBU9-XXM part numbers.



HELLERMANN TYTON PART NO.	SIZE	FIBRLOK CAPACITY	PKG. QTY.
MSH-Fibrlok	1" x 2"	6	2



PORT CUTTING TOOL

Manufactured from high quality stainless steel, the TPC is designed for fast and easy removal of the closed cable entry ports on the fiber optic closures. The tool is aligned with the port and rotated several times, cutting through the material and leaving a smooth finish ready for cable installation.

HELLERMANN TYTON PART NO.	FIBER CLOSURE TYPE	PORT SIZE
TPCR	FAN, FTB	R
TPCB	FAN, FTB	B
TPCS	FAN, FTB	S

FIBER OPTIC PRODUCTS

MOUNTING BRACKETS

HellermannTyton offers a variety of mounting brackets for different installation techniques.



HELLERMANNITYTON Part No.: ACCFTB

- Used for FTB fiber optic splice closure
- Manufactured from stainless steel
- Designed for wall mount application
- Allows for easy and fast re-entry
- Closure is secured to bracket with stainless steel screws



HELLERMANNITYTON Part No.: ACCFAN, ACCUFC

- Used for FAN and UFC fiber optic splice closures
- Constructed of a black aluminum casting material
- Designed for wall mount application
- Can be mounted horizontally or vertically
- Allows for easy re-entry
- Closure is secured to bracket by a locking pin and wire



HELLERMANNITYTON Part No.: ACCFST-FRBU

- Used for FST and FRBU fiber optic splice closures
- Manufactured from durable, UV stabilized plastic material
- Can be mounted to a wall or pole
- Can be mounted horizontally or vertically
- Allows for easy re-entry
- Closure easily snaps into bracket and is secured with heavy duty cable tie

EL-TY/AERIAL MOUNT STRAP

The Extended Length Cable Tie (El-Ty) is a high strength strapping system used for aerially mounting the FST and FRBU fiber optic splice closures. With a minimum loop tensile strength of 250 lbs., the El-Ty strap and head are manufactured from black acetal homopolymer which has been tested for excellent weatherability against moisture, sunlight and other environmental conditions. Also maintaining excellent weatherability and UV resistance, the El-Ty spacer is easily stackable for most any desired spacing application. The El-Ty complies with Bellcore Specifications #TR-TSY-000789.

See page 109 for more El-Ty information.



HELLERMANNITYTON PART NO.	DESCRIPTION
TELS-1	Strap on 50 ft. reel and 30 heads 10-12" straps and 10 heads 50 Spacers
TELS-27	
TELS-SPK2	

FIBER OPTIC PRODUCTS



SHIELD BONDING PRODUCTS

Shield Bond Connector

The shield bond connector (ACCBC) is designed to make an electrical bond to the metal shield of plastic sheath cables at terminals and at splices. Constructed of tin-plated tempered brass, the connector top and base are slightly curved to exert a continuous spring force on sheath and shield after clamping. The base is equipped with angled teeth to permit easy insertion under the cable shield and to ensure positive contact. Also included are two securing lock nuts. HellermannTyton's shield bond connector can be used on all cable with 20.3 mm (0.8") or smaller outside diameter. Its current-carrying capacity is equal to or better than aluminum-shielded cables of 100 pair or less. Terminations to the conductor are made with ground straps or bonding braid.



Flexible Bonding Braid

When used with HellermannTyton's shield bond connector, the flexible, flat, #6awg rated grounding braid (ACCBB) provides a low electrical resistance connection for dependable shield bonding. Constructed of tin-plated copper, its flexibility allows for expansion and contraction that occurs to the cable and contributes to strain relief across spliced cables. The flexible bonding braid is equipped with eyelets, conveniently spaced 3" apart.

HELLERMANN TYTON PART NO.	DESCRIPTION	PKG. QTY.
ACCBC	Shield Bond Connector	1 per bag
ACCBB	Flexible Bonding Braid with Eyelets	25 foot reel



Fiberclean

HellermannTyton's Fiberclean is a fiber optic connector cleaning dispenser system, which is both economical and easy to use. This unique, handheld connector cleaner assures totally dirt and lint free field connections for the most optimal signal transmission. The Fiberclean system replaces the use of gasses, alcohol swabs, napkins, and wipes. Each dispenser contains 10 feet of 1-1/2" strips of "Ultra-White" non-woven, lint-free film for complete removal of dust, dirt, oil and grease from fiber and ferrule end faces.

The film is kept clean and dry until dispensed into an open window, which holds the film in place during the cleaning process. Just three "figure-eight" strokes with the connector to the material cleans the surface. Each 1-1/2" cleaning strip can clean up to six connectors, allowing over 400 connections to be cleaned per dispenser. Used material is dispensed out the back of the unit where it can be torn off at a perforation and thrown away.

HELLERMANN TYTON PART NO.	DESCRIPTION	PKG. QTY.
FO1	Fiberclean System Kit	1 Kit
FO1REF	Ultra-White Film Refills	1 Roll